

IV. AMENDMENTS TO THE CLAIMS

1. (CANCELED).

2. (CURRENTLY AMENDED) A cutting machine ~~according to claim~~
~~4~~comprising at least a chuck table for fixedly holding a workpiece to be cut, an
X-axial feeder means for feeding the chuck table bearing the workpiece thereon in
X-axial direction, and first and second cutting means each having a spindle arranged
in Y-axial direction, perpendicular to the X-axial direction, said first and second
cutting means being so arranged that rotary axes of the spindles may be aligned with
each other with their rotary blades facing each other, wherein each rotary blade
comprises a circular cutting blade having an annular hub integrally connected to one
side; each spindle has the rotary blade mounted with the annular hub directed inside,
leaving no projection outside, thus permitting each cutting blade to face the counter
cutting blade without anything intervening therebetween; and the cutting machine
further comprises water jet nozzle means in the vicinity of the rotary blade and,
~~wherein it further includes~~ blade defect detecting means comprising light emitting
and light receiving elements so arranged on the side of the annular hub of each
rotary blade that the beam of light from the light emitter may reach the light receiver
after being reflected from the rotary blade.